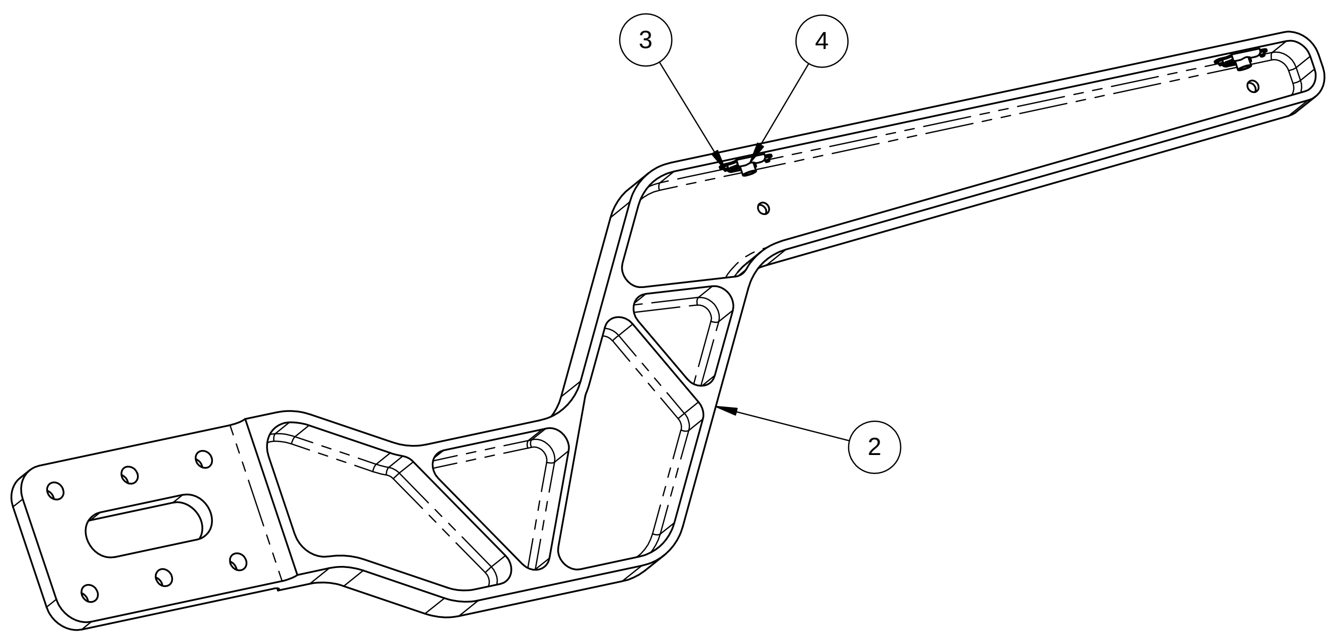
ITEM	QTY -041	P/N	DESCRIPTION
1	**X**	**D4895-041**	**FWD OUTBOARD BEAM ASSY**
2	1	D4895-1	FWD OUTBOARD BEAM
3	4	MS20426AD3-(5)	RIVET
4	2	MS21059-4	NUT PLATE



D4895-041 FWD OUTBOARD BEAM ASSY

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 3.31 lbs

APPROVED BY DESIGN MANAGER

REV.	DESCRIPTION	BY	DATE
B	ADD D4895-5/-7/-045/-047 (ZN A4-3, A4-4, A4-7, A4-8), ADD NOTE 9 (ZN A8-5, A8-6, A8-7, A8-8)	RF	14.04.11
A	NEW ISSUE	RF	13.05.24

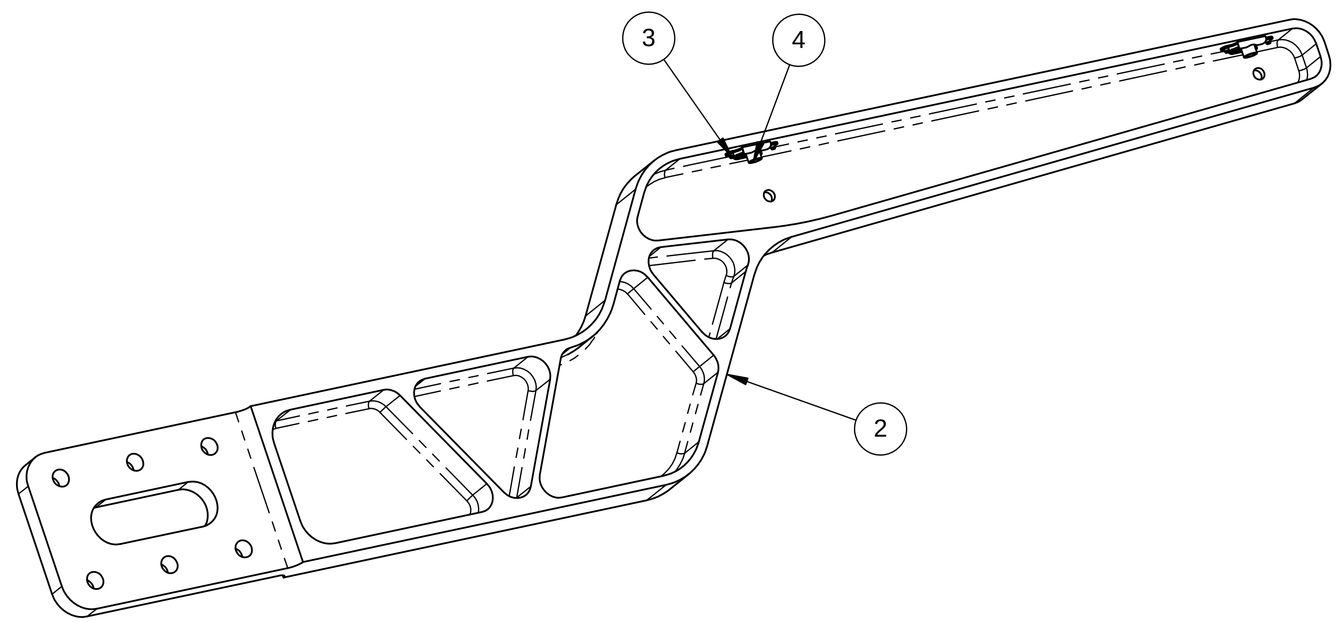
DESIGN	RF
DRAWN	RF
CHECKED	VS
MFG. APPR.	JLM
APPROVED	HS
DE APPR.	
DATE	14.04.11

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4895 — REV. B — SHEET 1 OF 9

TITLE: OUTBOARD BEAM — SCALE: NTS

ITEM	QTY -043	P/N	DESCRIPTION
1	**X**	**D4895-043**	**AFT OUTBOARD BEAM ASSY**
2	1	D4895-3	AFT OUTBOARD BEAM
3	4	MS20426AD3-(5)	RIVET
4	2	MS21059-4	NUT PLATE



D4895-043 AFT OUTBOARD BEAM ASSY

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 3.25 lbs

APPROVED BY DESIGN MANAGER

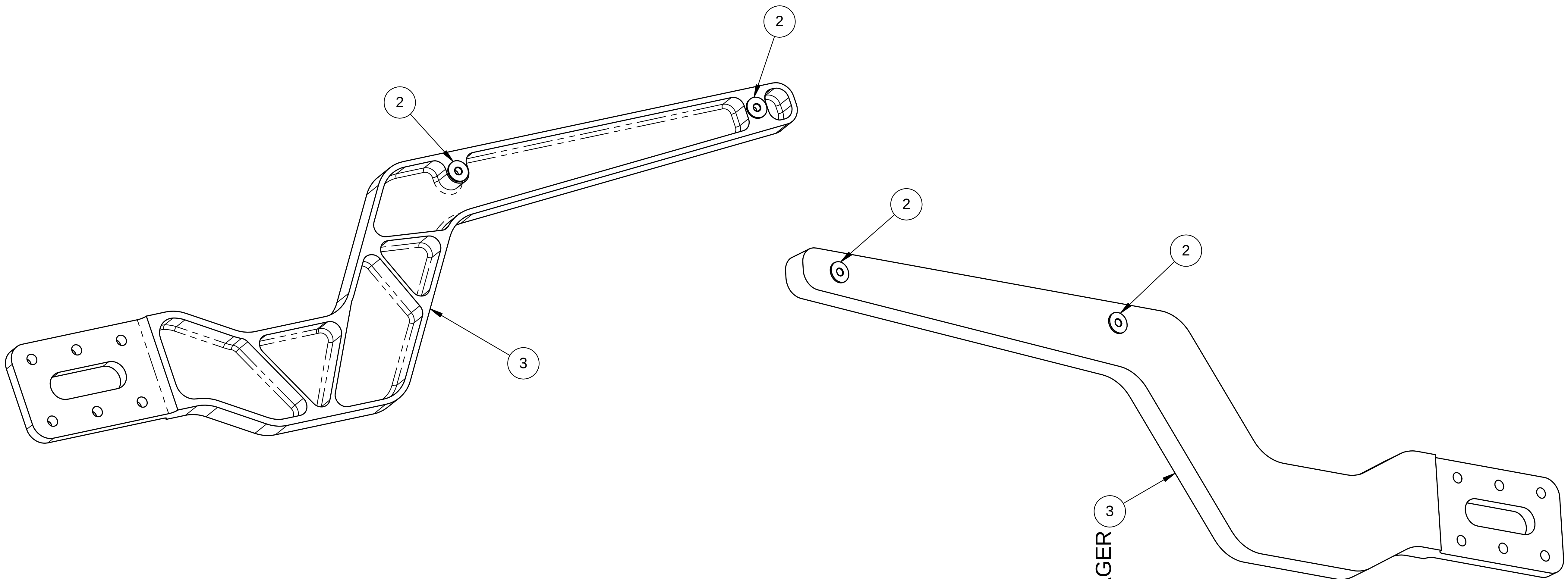
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DRAWN	RF
CHECKED	VS
MFG. APPR.	JLM
APPROVED	HS
DE APPR.	
DATE	14.04.11

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4895 REV. B SHEET 2 OF 9

TITLE OUTBOARD BEAM SCALE NTS

ITEM	QTY -045	P/N	DESCRIPTION
1	X	**D4895-045**	**FWD OUTBOARD BEAM ASSY**
2	4	D4859-1	BUSHING
3	1	D4895-5	FWD OUTBOARD BEAM



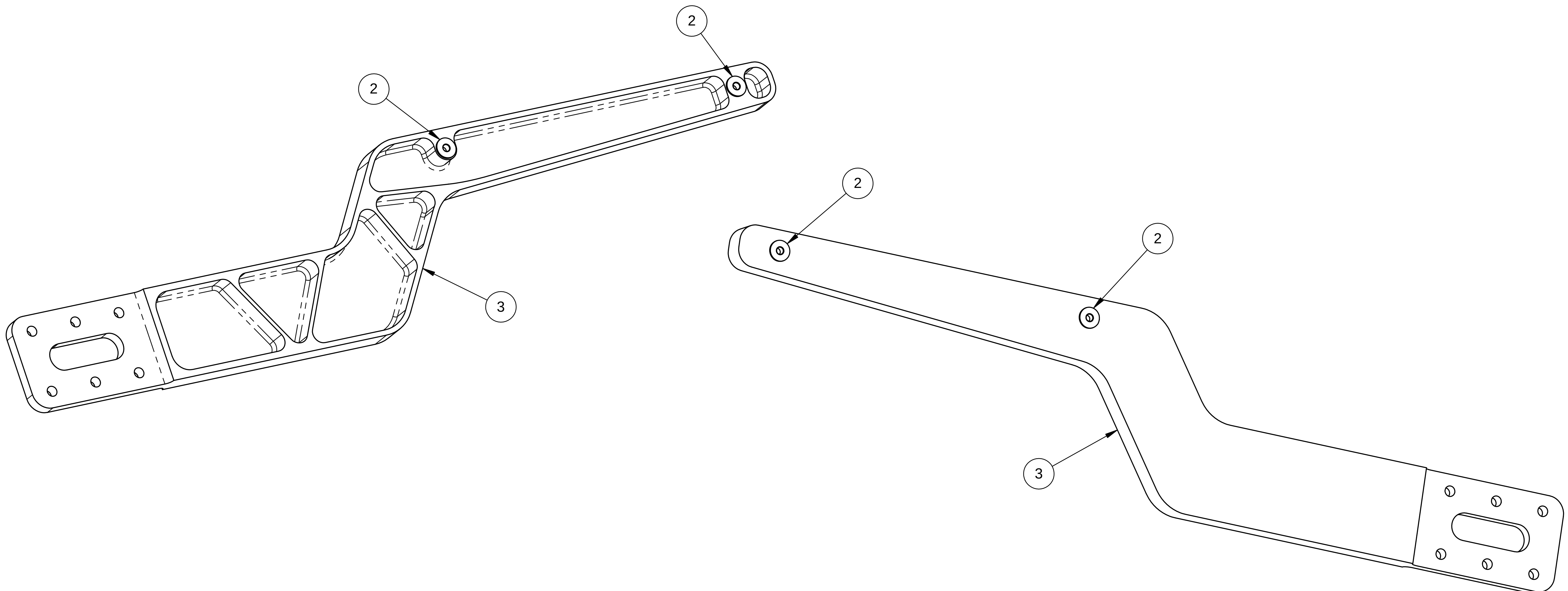
D4895-045 FWD OUTBOARD BEAM ASSY B

APPROVED BY DESIGN MANAGER

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 3.50 lbs
8) PRESS FIT D4859-1 INTO D4895-5. IT IS ACCEPTABLE USE MAGNABOND ADHESIVE, REMOVE EXCESS ADHESIVE FROM BUSHING HOLE

DESIGN	RF	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	VS	DRAWING NO. D4895 — REV. B — SHEET 3 OF 9
MFG. APPR.	JLM	
APPROVED	HS	TITLE OUTBOARD BEAM — SCALE NTS
DE APPR.		
DATE	14.04.11	

ITEM	QTY -047	P/N	DESCRIPTION
1	**X**	**D4895-047**	**AFT OUTBOARD BEAM ASSY**
2	4	D4859-1	BUSHING
3	1	D4895-7	AFT OUTBOARD BEAM



D4895-047 AFT OUTBOARD BEAM ASSY B

APPROVED BY DESIGN MANAGER

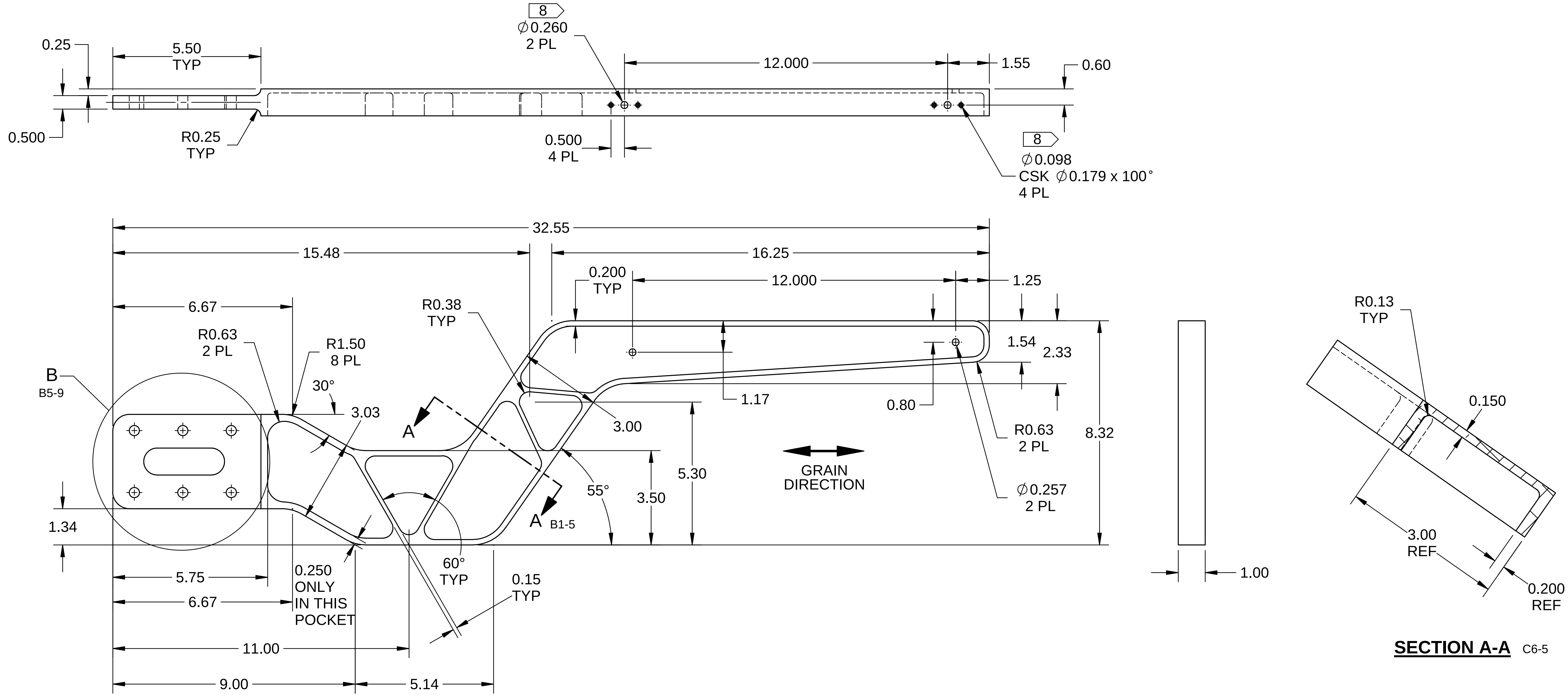
NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 3.44 lbs
8) PRESS FIT D4859-1 INTO D4895-7. IT IS ACCEPTABLE USE MAGNABOND ADHESIVE, REMOVE EXCESS ADHESIVE FROM BUSHING HOLE

DESIGN	RF
DRAWN	RF
CHECKED	VS
MFG. APPR.	JLM
APPROVED	HS
DE APPR.	
DATE	14.04.11

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4895 — REV. B — SHEET 4 OF 9

TITLE: OUTBOARD BEAM — SCALE: NTS



SECTION A-A C6-5

D4895-1 FWD OUTBOARD BEAM

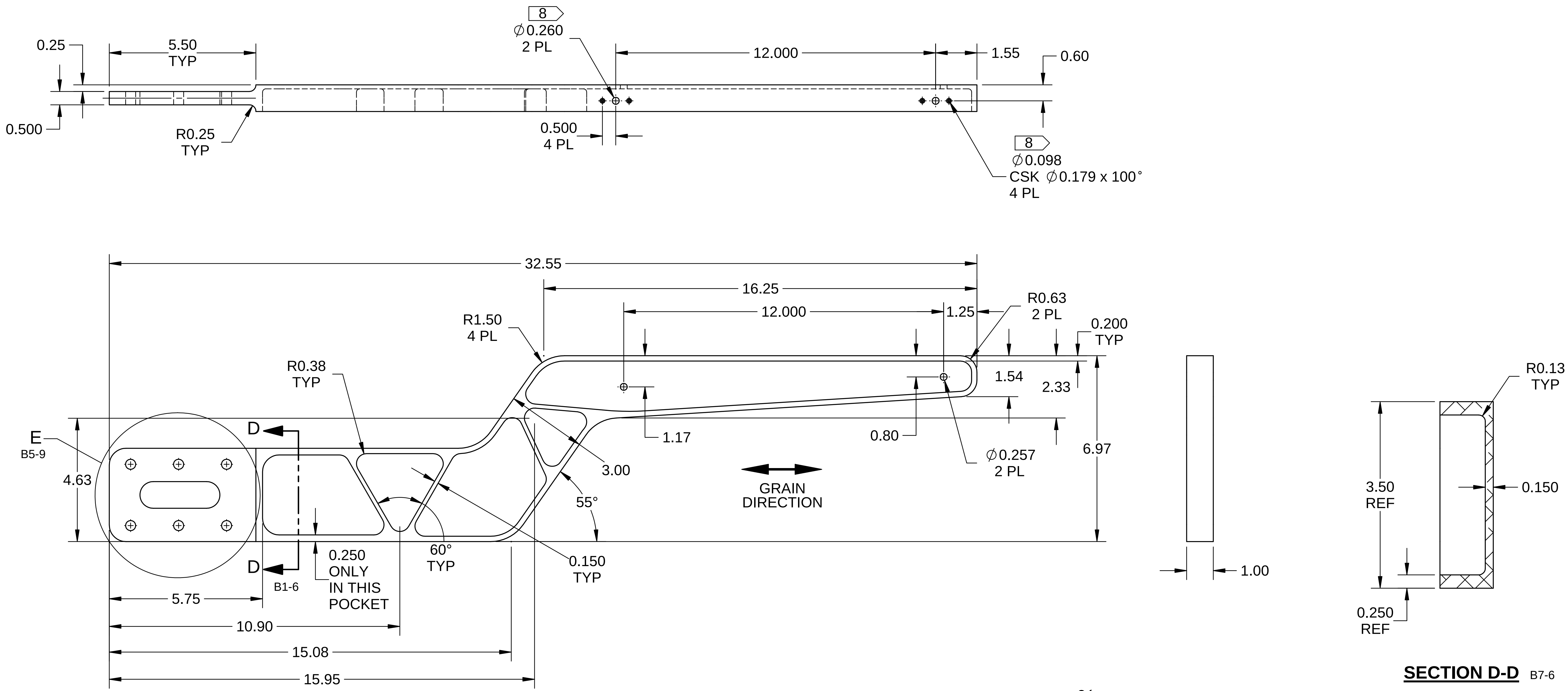
NOTES:
1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 3.30 lbs
8) MASK HOLES PRIOR TO POWDER COAT
(B) 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D4895-1.SLDPRT

APPROVED BY DESIGN MANAGER

DESIGN	RF
DRAWN	RF
CHECKED	VS
MFG. APPR.	JLM
APPROVED	HS
DE APPR.	
DATE	14.04.11

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4895 — REV. B — SHEET 5 OF 9
TITLE: OUTBOARD BEAM — SCALE: NTS



D4895-3 AFT OUTBOARD BEAM

NOTES:
1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 3.25 lbs
8) MASK HOLES PRIOR TO POWDER COAT
(B) 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D4895-3.SLDPRT

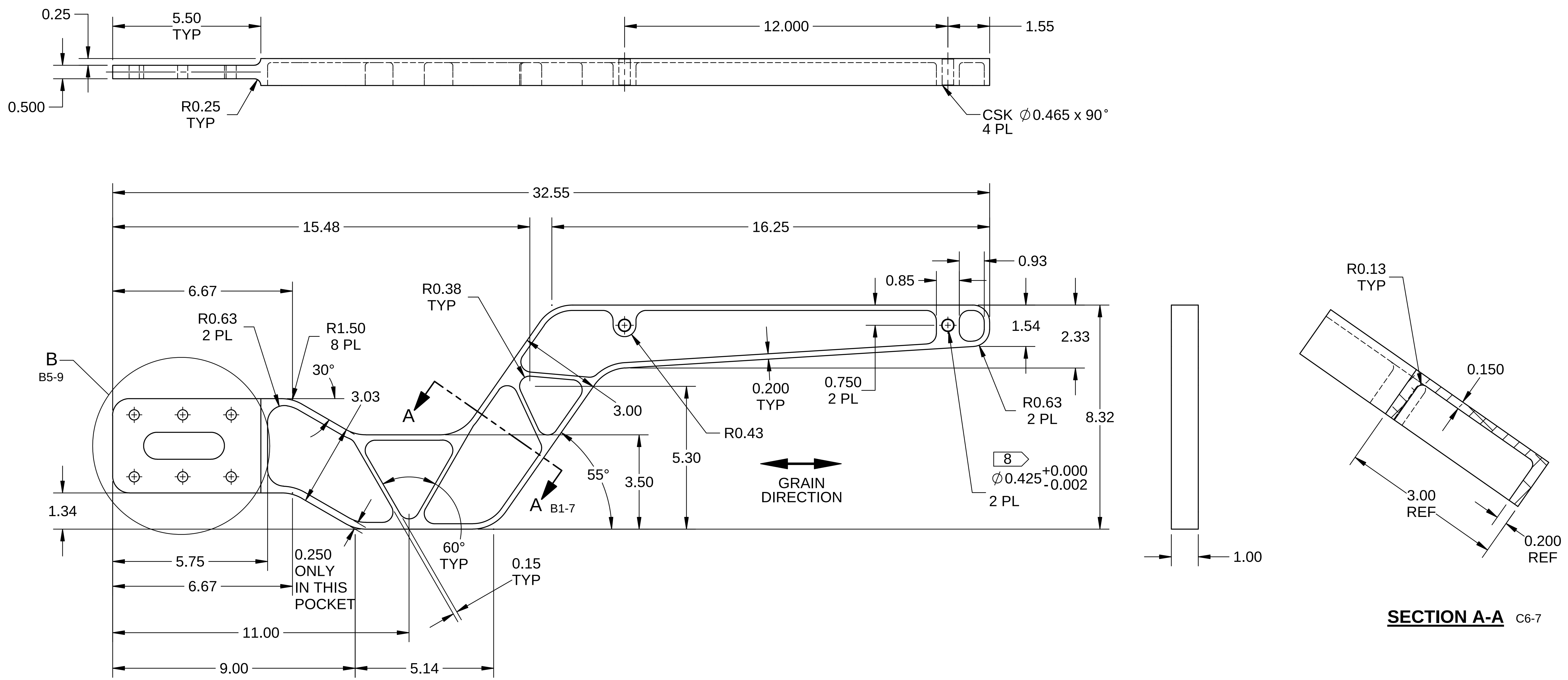
APPROVED BY DESIGN MANAGER

DESIGN	RF
DRAWN	RF
CHECKED	VS
MFG. APPR.	JLM
APPROVED	HS
DE APPR.	
DATE	14.04.11

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4895 REV. B
SHEET 6 OF 9

TITLE OUTBOARD BEAM
SCALE NTS

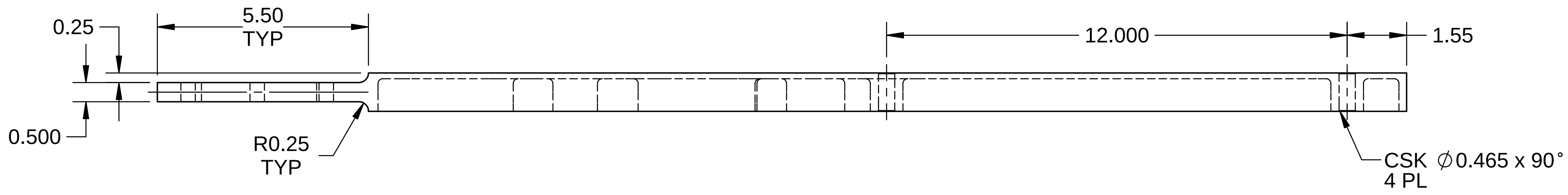


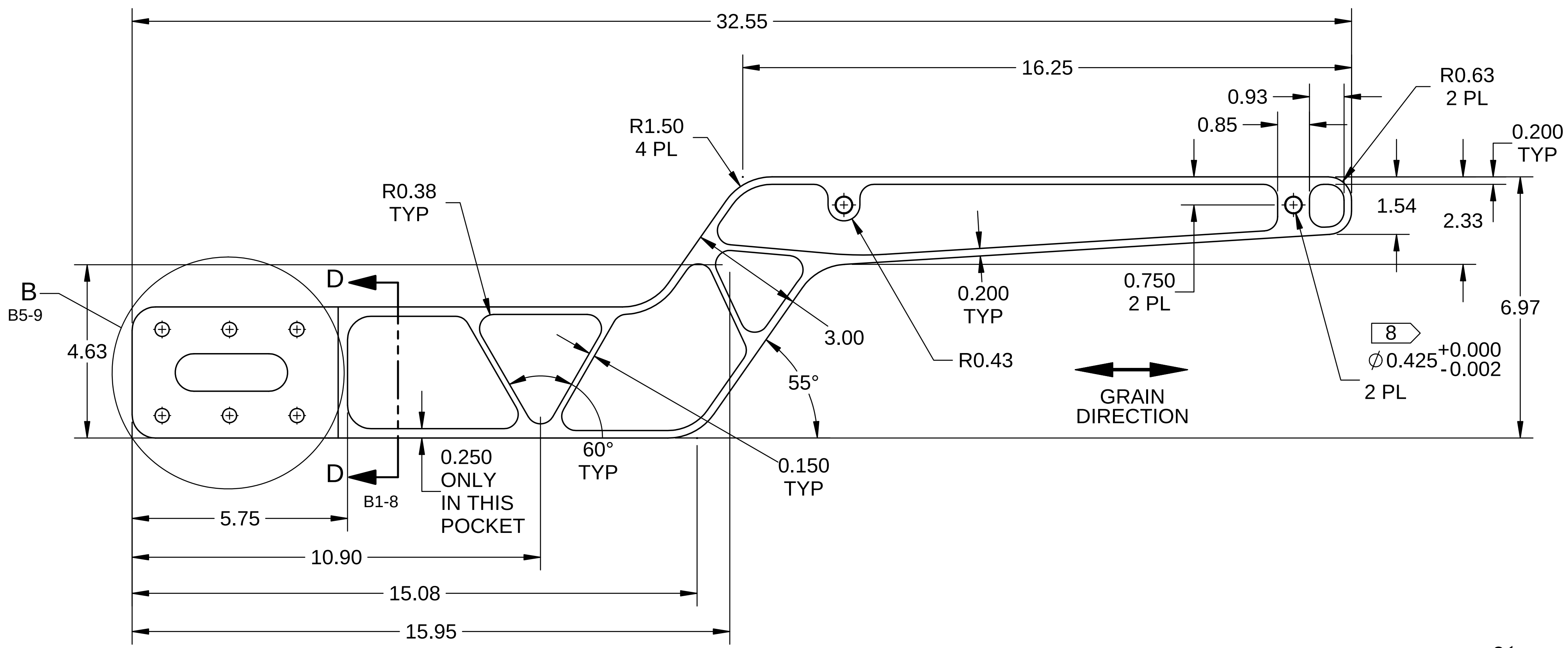
D4895-5 FWD OUTBOARD BEAM B

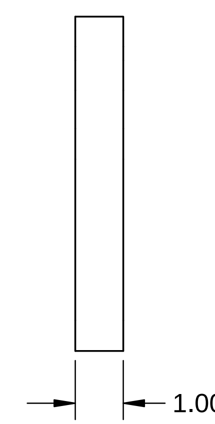
NOTES:
1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 3.44 lbs
8) MASK HOLES PRIOR TO POWDER COAT
B 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D4895-5.SLDPRT

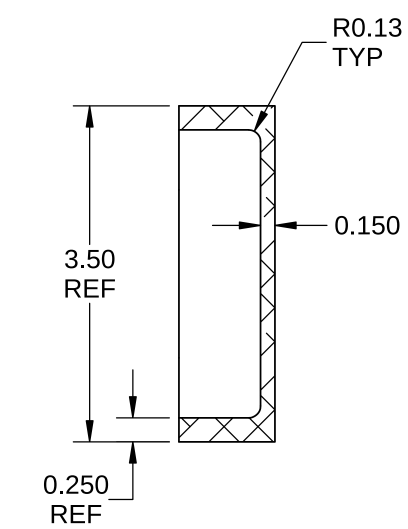
APPROVED BY DESIGN MANAGER

DESIGN	RF	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	VS	DRAWING NO. D4895 — REV. B — SHEET 7 OF 9
MFG. APPR.	JLM	
APPROVED	HS	TITLE OUTBOARD BEAM — SCALE NTS
DE APPR.		
DATE	14.04.11	









SECTION D-D B7-8

D4895-7 AFT OUTBOARD BEAM B

NOTES:
1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 3.39 lbs
8) MASK HOLES PRIOR TO POWDER COAT
B 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D4895-7.SLDPRT

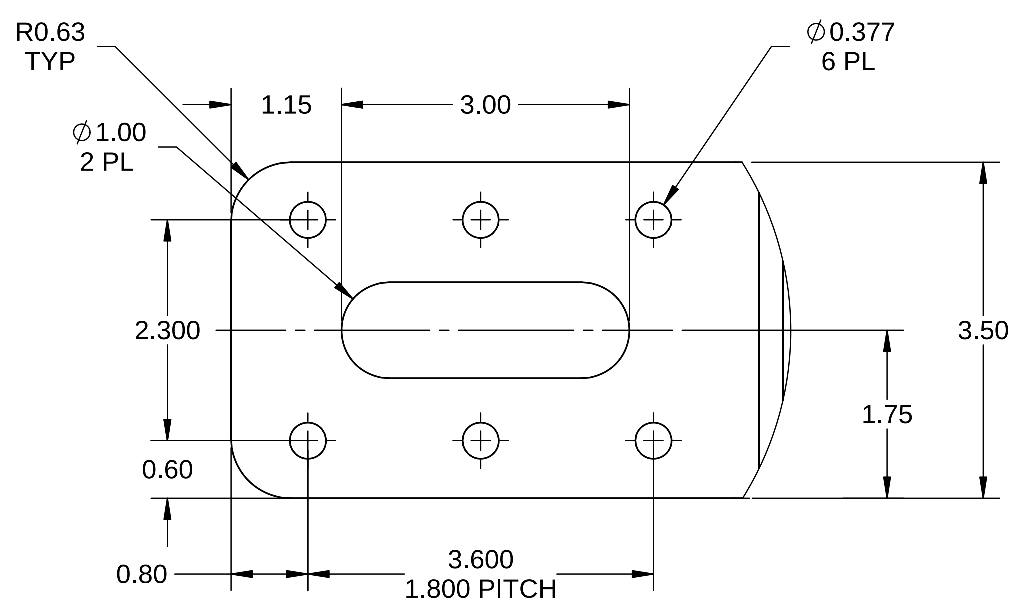
APPROVED BY DESIGN MANAGER

DESIGN	RF
DRAWN	RF
CHECKED	VS
MFG. APPR.	JLM
APPROVED	HS
DE APPR.	
DATE	14.04.11

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4895 — REV. B — SHEET 8 OF 9

TITLE: OUTBOARD BEAM — SCALE: NTS



DETAIL B C8-5 C8-6 C8-7 C8-8

APPROVED BY DESIGN MANAGER

DESIGN	RF
DRAWN	RF
CHECKED	VS
MFG. APPR.	JLM
APPROVED	HS
DE APPR.	
DATE	14.04.11

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4895 — REV. B — SHEET 9 OF 9

TITLE: OUTBOARD BEAM — SCALE: NTS